
Thursday, October 18, 2018

Riga Technical University, Faculty of Engineering Economics and Management

5 Paula Valdena str., Riga, Latvia, RTU Scientific Library

Conference hall (2-nd floor)

“Scientific Conference on Economics and Entrepreneurship” (SCEE’2018)”

Scientific committee:

E. Gaile-Sarkane	Dr.oec.	Riga Technical University
I. Geipele	Dr.oec.	Riga Technical University
J. Ieviņš	Dr.oec.	Riga Technical University
A.V. Krastiņš	Dr.oec.	Riga Technical University
I. Lapiņa	Dr.oec.	Riga Technical University
N. Lāce	Dr.oec.	Riga Technical University
J. Mazais	Dr.sc.ing.	Riga Technical University
R. Počs	Dr.habil. oec.	Riga Technical University
D. Ščeuļovs	Dr.oec.	Riga Technical University
K. Oganisjana	Dr. paed.	Riga Technical University
V. Skribans	Dr.oec.	Riga Technical University

Organizing committee:

Prof. R. Počs	Dr. habil. oec.	Riga Technical University
Prof. T. Tambovceva	Dr. oec.	Riga Technical University
M. Ozoliņš	Dipl.oec.	Riga Technical University
M. Smirnovs	Bc.oec.	Riga Technical University
I. Kokoreviča	Mg.oec.	Riga Technical University
S. Kuzma	Bc.art.	Riga Technical University

9:30 – 10:00

REGISTRATION, MORNING COFFEE

10:00-12:00

Plenary Session and panel discussion

“How to Evaluate and Measure Innovation? Challenges and Solutions”

Chairman of the Plenary Session – Modris Ozolins

10:00 – 10:10

OPENING OF THE CONFERENCE

Prof. Tālis Juhna, RTU Vice Rector for Research, Riga Technical University

Prof. Remigijs Počs, Vice Dean for Research, Faculty of Engineering Economics and Management, Riga Technical University

10:10-10:30

HOW TO UNDERSTAND INNOVATION?

Elīna Miķelsone, Chairperson and Founder, “Idea and Innovation Institute”

10:30 – 11.00

FINANCING AND EVALUATING INNOVATION

Reinis Lasmanis, Head of Science Commercialization Department, Latvian Investment and Development Agency

11:00 – 12:00

“WORLD CAFÉ” – Understanding, Evaluating and Procuring Innovation.

12.00-12.30 Networking Coffee Break

12:30-12.50 Summary of Results of “World Café” and information about work in parallel sections.

13:00- 19:00 Work in Thematic Sections

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Subsection

**“Scientific Problems of Engineering Economics of Construction, Real Estate Management,
Regions and Territories Development“**

Section Chairs: prof. Geipele I., prof. Senfelde M., Riga Technical University, Latvia

13:00 – 13:10

OPENING

Geipele I., Riga Technical University, Latvia

13:10-16:00

**SOCIO-ECONOMIC, ENVIRONMENTAL AND INSTITUTIONAL DIMENSIONS OF
VALUES AND PREFERENCES OF STAKEHOLDERS**

Auziņš A., Kočanova R. Riga Technical University, Latvia

**RUSSIAN AND FOREIGN CONTEMPORARY EXPERIENCE OF INNOVATIVE
DEVELOPMENT OF CONSTRUCTION BASED ON INFORMATION MODELING
TECHNOLOGIES**

Dmitriev A., Tambovceva T., Papikian L., Tsygankova A. Plekhanov Russian University of
Economics, Russia; Riga Technical University, Latvia

DIGITAL METHODS OF REAL ESTATE ASSETS LIFECYCLE MANAGEMENT

Vladimirova I., Kallaur G., Bareshenkova K. Plekhanov Russian University of Economics, Russia

RESEARCH ON FACTORS AFFECTING REAL ESTATE VALUES BY DATA MINING

Ersoz T., Ersoz F., Soydan M. Karabuk University, Turkey

**DIFFERENCES IN TERRITORIAL DISTRIBUTIONS OF POPULATION AND
DWELLINGS IN BULGARIA**

Ivanov I. University of Forestry, Bulgaria

DEVELOPING GREEN INVESTING IN UKRAINE: CHALLENGES AND OPPORTUNITIES

Pimonenko T., Chygryn O. Sumy State University, Ukraine

**SURVEY OF GREEN INFRASTRUCTURE MANAGEMENT EXPERIENCE IN DIFFERENT
COUNTRIES**

Malkovska P., Dragozova E. University of Forestry, Bulgaria

**THE COMPARATIVE ANALYSIS OF THE GREEN BUILDINGS DEVELOPMENT
TENDENCIES IN SCANDINAVIAN AND BALTIC STATES**

Mishra A., Kauškale L. Riga Technical University, Latvia

EFFECT OF THE GOVERNMENT INTERVENTION ON MARKET EFFICIENCY

Freimanis K., Šenfelde M. Riga Technical University, Latvia

IMPACT OF FOREIGN DIRECT INVESTMENT ON LATVIA'S ECONOMIC GROWTH

Judrupa I., Melnis E. Riga Technical University, Latvia

DIFFERENT FOREST MANAGEMENT SCENARIOS: AN EXAMPLE FROM BULGARIAN FORESTRY PRACTICE

Todorova Z. University of Forestry, Bulgaria

ECONOMIC OBSTACLES FOR DEEP ENERGY RENOVATION OF PUBLIC SECTOR

Pudzis E., Grīnbergs K., Geipele I. Riga Technical University, Latvia

SUSTAINABLE ENERGY

Zvirgzdins J., Geipele S., Plotka K., Zariņš Ģ. Riga Technical University, Latvia

ECONOMIC PROBLEMS OF THE DEVELOPMENT OF COMMERCIAL BUILDINGS: CASE OF LATVIA

Talluri N., Kauškale L. Riga Technical University, Latvia

RENTAL HOUSING MARKET IN RIGA: PRICE DETERMINANTS AND LESSONS FROM HELSINKI

Balode S., Kamols U. Riga Technical University, Latvia

SMART CITY AND CYBER CITY PERFORMANCE

Plotka K., Šenfelde M., Zvirgzniņš J., Zariņš Ģ. Riga Technical University, Latvia

ADAPTATION OF TOOLS IN SPATIAL PLANNING

Mishra A., Auziņš A. Riga Technical University, Latvia

THE PROBLEM OF DECIDING ON THE APPROPRIATENESS OF PROPERTY INSURANCE OF AN ENTERPRISE

Rauza N., Tambovceva T. Riga Technical University, Latvia

Subsection

“Business Engineering, Economics, Finance and Management”

Subsection Chair: assoc.prof. D.Ščeulovs, assist.prof. V. Šatrevičs, assist.prof. N. Semjonova,
Riga Technical University, Latvia

13:00 – 13:10

OPENING

Ščeulovs D., Riga Technical University, Latvia

13:10-19:00

EMERGING TRENDS OF HEALTH INFORMATION SYSTEMS IMPLEMENTATION IN LOW-MEDIUM INCOME COUNTRIES

Bayram S.S., Ersöz F. Karabuk University, Turkey

RESEARCH OF INDUSTRY 4.0 AWARENESS: A CASE STUDY IN TURKEY

Ersöz F., Ersöz T., Merdin D. Karabuk University, Turkey

CHANGES IN THE STRUCTURE OF SELECTED ECONOMIES

Raisova M. Technical University of Košice, Faculty of Economics, Slovakia

RESEARCH ON PRODUCT VALUE ADDED BASED ON VALUES AND INTERESTS OF STAKE HOLDERS

Ence E., Strausa E. Riga Technical University, Latvia

IMPLEMENTATION OF DEMAND ESTIMATION METHODS IN DISTRIBUTION FIRM

Ersöz F., Bayram S.S., Kapici E. Karabuk University, Turkey

THEORY AND PRACTICE OF MANAGEMENT ACCOUNTING AND CONTROLLING IN RUSSIA

Falko S. Bauman Moscow State Technical University, Russia

RESULTS OF THE EXPLORATION OF AGRICULTURAL CROPS IN NORTH BULGARIA

Yordanova F. University of Forestry, Bulgaria

AGRICULTURE AND FOOD SECTORS IN SLOVAKIA AND BALTIC COUNTRIES – A COMPARISON

Bartóková L. Technical University of Košice, Slovakia

ESTIMATION OF PACKAGE PRICE CHANGES IN THE FOOD INDUSTRY

Ersoz T., Alanlar E. Karabuk University, Turkey

GREEN PROFITS AS A PROOF FOR BUSINESS SUSTAINABILITY AND INVESTMENT OPPORTUNITY

Kuzmina J. BA School of Business and Finance, Latvia

MANAGEMENT OF CREDIT DEFAULT INDICATORS IN PRIVATE REAL ESTATE FINANCING

Pfalz R. University of Latvia, Latvia

PROCESS IMPROVEMENT IN FURNITURE MANUFACTURING: A CASE STUDY

Ersöz F., Ersöz T., Peker H. Karabuk University, Turkey

**UNIVERSITIES ROLE OF THE YOUTH EMPLOYABILITY ON THE LABOUR MARKET.
THE ADVANTAGES AND DISADVANTAGES**

Čelika M., Verdenhofa O., Živitere M. ISMA University, Latvia

DETERMINANTS OF EMPLOYMENT IN BULGARIA

Kolev K., Tsoklinova M. University of Forestry, Bulgaria

MAIN PROBLEMS IN GEORGIAN LABOR MARKET

Paresashvili N., Maisuradze T. Ivane Javkhishvili Tbilisi State University, Georgia

IDENTIFICATION OF CUSTOMER NEEDS. “MILZU” CASE STUDY

Ence E., Gaile-Sarkane E., Ozolins M., Strausa E. Riga Technical University, Latvia

OPTIMIZATION OF THE EXISTING TALENTS IN THE COMPANY

Sadovska K., Kamola L. Riga Technical University, Latvia

**MULTITASKING AND ITS EFFECTS ON INDIVIDUAL AND ORGANISATIONAL
PERFORMANCE**

Suija-Markova I., Briede L., Gaile-Sarkane E. Riga Technical University, Latvia

AUGSTSKOLAS UN INDUSTRIJAS SADARBĪBAS IESPĒJAS

Rostoka Z. Riga Technical University, Latvia

**HARMONIZATION OF RATIONAL AND CREATIVE DECISIONS IN QUALITY
MANAGEMENT USING AI TECHNOLOGIES**

Paliukas V., Savanevičienė A. Panevezys College, Lithuania

DATA BASED DECISIONS IN LATVIAN ORGANIZATIONS

Meijere S., Tambovceva T. Riga Technical University, Latvia

DATA SCIENCE APPLICATIONS IN FINANCIAL INSTITUTIONS

Verdenhofs A., Tambovceva T. Riga Technical University, Latvia

AGILE LEGAL DEPARTMENT A MYTH OR KEY TO SUCCESS

Locovs J. Riga Technical University, Latvia

SOCIAL BENEFIT MEASUREMENT IN MULTI-CRITERIA EVALUATION MODEL

Voronenko L., Voronova I., Erina J. Riga Technical University, Latvia

**IMPACT OF EDUCATION ON THE DEVELOPMENT OF YOUTH COMPETITIVENESS IN
THE 21ST CENTURY**

Kamola L. Riga Technical University, Latvia

**Subsection
“Innovation and Quality Technologies”**

Subsection Chairs: Prof. Janis Mazais, MBA Modris Ozoliņš, Riga Technical University, Latvia

13:10 – 13:10

OPENING

Mazais J., Riga Technical University, Latvia

13:10 – 16:00

QUALITY OF HIGHER EDUCATION: WHAT DOES IT MEAN FOR STUDENTS AS STAKEHOLDERS?

Degtjarjova I., Lapiņa I., Freidenfelds D. Riga Technical University, Latvia

ANALYSIS OF UNIVERSITY QUALITY SYSTEM DEVELOPMENT APPROACHES

Medne A., Lapiņa I. Riga Technical University, Latvia

REGULATION AND TECHNOLOGY DRIVEN ASPECTS OF REINDUSTIALIZATION OF ICT IN THE AREA OF INFORMATION SECURITY

Miltchev R., Mitchev G. University of Forestry, Bulgaria

CYBER SECURITY FRAMEWORK: RELATIONSHIP BETWEEN QUALITY MANAGEMENT AND INFORMATION SECURITY GOVERNANCE

Liepiņa R., Felzenbergs K. Riga Technical University, Latvia

ADVANTAGES AND DISADVANTAGES OF TIME-SAVING INNOVATION “BYTEX FEASIBILITY ANALYZER V5.18” IN FEASIBILITY STUDY CONSULTING

Tambong A., Preciados L. Visayas State University, Philippines

MANAGERIAL COMPETENCES IN KNOWLEDGE-BASED ORGANIZATIONS

Nikitina T., Lapiņa I. Riga Technical University, Latvia

UNDERSTANDING THE ROLE OF SUPERVISION IN CONSTRUCTION INDUSTRY IN LATVIA

Mjakuškina S., Kavosa M., Lapiņa I. Riga Technical University, Latvia

EMPLOYEE STRESS SURVEY RESULTS FOR LATVIA

Rostoka Z., Gaile-Sarkane E., Ivanova I., Lapiņa I., Mazais J. Riga Technical University, Latvia

ANALYSIS OF FACTORS INFLUENCING QUALITY CULTURE AND ITS IMPACT ON CONTINUOUS IMPROVEMENT OF ORGANIZATION

Kairisa I., Lapiņa I., Riga Technical University, Latvia

THE IMPLEMENTATION OF KAIZEN BLITZ TO IMPROVE A PRODUCTION PROCESS IN A FACTORY

Kandananond K. Valaya Alongkorn Rajabhat University, Thailand

Subsection
“Internal Security and Civil Protection”

Subsection Chairs: Prof. Jānis Ieviņš, prof. Valentīna Urbāne, Riga Technical University, Latvia

13:10 – 13:10

OPENING

Ieviņš J., Riga Technical University, Latvia

13:10 – 16:00

A RESEARCH – DRIVEN APPROACH TO MITIGATE FUTURE RISKS FOR SME IN A FAST – CHANGING ENVIRONMENT

Gromule V. Riga Technical University, Latvia

WORK-RELATED PSYCHOSOCIAL RISK FACTORS AND CARE WORKERS MENTAL HEALTH IN ESTONIA NURSING HOMES

Sepp J., Järvis M., Reinhold K., Tint P. Tallinn Health Care College, Estonia

DEVELOPING COMPREHENSIVE MODEL FOR FORTHCOMING REFORMS OF UNIVERSITY HOSPITALS

Pētersone M., Ketners K., Didenko K. Riga Technical University, Latvia

PRECONDITIONS OF CRIMINAL LAW PROTECTION OF THE INTERNATIONAL CIRCULATION OF ENDANGERED SPECIES OF WILD FAUNA AND FLORA

Čevers T. Riga Technical University, Latvia

THEORETICAL ANALYSIS OF APPLICATION OF TERMS IN TECHNOGENIC SAFETY FIELD

Urbahs M., Malahova J., Jemeljanovs V. Riga Technical University, Latvia

NELAIMES GADĪJUMI, KURU CĒLONIS IR NEDROŠA CILVĒKA RĪCĪBA

Ieviņš J., Bērziņš J., Lapiņa E. Riga Technical University, Latvia

GANDRĪZ NOTIKUŠO NELAIMES GADĪJUMU IZMEKLĒŠANAS NOZĪMĪBA

Ieviņš J., Bērziņš J., Vārava U. Riga Technical University, Latvia

BĪSTAMĪBAS MAZINAŠANA ATKRITUMU APSAIMNIEKOŠANAS UZŅĒMUMĀ

Timofejevs S., Urbane V., Ieviņš J. Riga Technical University, Latvia

PROMOTION OF LEGAL TRADE: AEO IN LATVIA

Čevers A., Rudzītis N., Gulbis A. Riga Technical University, Latvia

Subsection
“International Business and Logistics”

Subsection Chairs: Prof. Remigijs Počs, asoc. prof. Valērijs Skribans, Riga Technical University,
Latvia

13:10 – 13:10

OPENING

Skribans V., Riga Technical University, Latvia

13:10 – 16:00

COMPETITIVENESS OF PRINCIPAL EXPORTS GOODS IN GLOBAL MARKET

Auzina-Emsina A. Riga Technical University, Latvia

THE IMPACT OF QUALITY MANAGEMENT SYSTEM ON THE COMPETITIVENESS OF LITHUANIAN TRANSPORT COMPANIES

Ginavičienė J., Sprogytė I. Vilnius College of Technologies and Design, Lithuania

POSSIBLE OPTIONS FOR ENSURING OF TAX COMPLIANCE

Jurušs M., Celmiņa M., Pole E. Riga Technical University, Latvia

MANAGEMENT OF RESOURCES AND INTERNAL PROCESSES IN THIRD PARTY LOGISTICS

Kotlars A. Riga Technical University, Latvia

MULTINATIONAL RETAILERS EXPANSION: CASE STUDY OF IKEA AND LIDL IN LATVIA IN 2018

Skribans V. Riga Technical University, Latvia

TRANZĪTCEĻU IZVĒLES KRITĒRIJU NOVERTĒŠANAS IESPĒJAS BALTIJAS VALSTU REĢIONĀ

Starčenko A. Riga Technical University, Latvia

CHALLENGES AND OPPORTUNITIES FOR PACKAGING RECYCLING IN BULGARIA

Strekalovska-Garkova A., Kovacheva S. University of Forestry, Bulgaria

Subsection
**“National Research Program EKOSOC-LV:
“The Development of Innovation and Entrepreneurship in Latvia in
Compliance with the Smart Specialization Strategy” &
“Involvement of the society in social innovation for
providing sustainable development of Latvia””**

Subsection Chairs: prof. Natalja Lace, assoc.prof. Karine Oganisjana, Riga Technical University,
Latvia

13:00 – 13:10

OPENING

Lace N., Oganisjana K. Riga Technical University, Latvia

13.10 - 15.00

**FINALIZING THE OUTCOMES OF THE PROJECT “INVOLVEMENT OF THE SOCIETY
IN SOCIAL INNOVATION FOR PROVIDING SUSTAINABLE DEVELOPMENT OF
LATVIA”**

Oganisjana K. Riga Technical University, Latvia

**OPPORTUNITIES FOR FINANCING SOCIAL INNOVATION: ANALYSIS OF FOREIGN
EXPERIENCE**

Laizans T. Riga Technical University, Latvia

**FACTORS INFLUENCING THE POSSIBILITY OF COMMENCEMENT COOPERATION
BETWEEN VENTURE CAPITALISTS AND ENTREPRENEURS. CASE OF THE CEE**

Matisone A., Lace N. Riga Technical University, Latvia

EVALUATION AND MEASUREMENT OF COACHING SUPPORT PROGRAMME

Roša A., Lace N. Riga Technical University, Latvia

**CLASSIFICATION OF ELEMENTS OF SME'S BUSINESS MODELS AND POSSIBILITIES
OF THEIR DIGITALIZATION. THEORETICAL ANALYSIS**

Kasperoviča L., Lace N. Riga Technical University, Latvia